



CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)

An ISO 9001: 2008 Certified Company



Lab No.:

CQCE/BBMP/KRIDL/W.No.16/2017-18

Date : 08.03.2018

TEST REPORT ON COARSE AGGREGATES IS 383-1970 (RA- 2002)

Client : Executive Engineer, Rajarajeshwari Nagara Division, BBMP, Bangalore.
Agency : Technical Manager, KRIDL, Bangalore.
Name of Work : Providing drinking water facilities in Jalahalli Village and surrounding areas in ward no.16 Jalahalli, BBMP, Bangalore.
Date of Testing : 08.03.2018
Material : 40mm Aggregates

Total Wt. of Aggregates in gms 15000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	174	1.16	1.16	98.84	95-100
20	8364	55.76	56.92	43.08	30-70
10	3458	23.05	79.97	20.03	10-35
4.75	2536	16.91	96.88	3.12	0-5

Note:

The report shall not be reproduced, except in full, without the written approval of the laboratory.
The results indicated above are based on the tests carried out on the samples received in the laboratory.
Any Query regarding the report must be reported reported within 15days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

RECEIVED
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CIVIL QUALITY CONSULTANTS & ENGINEERS

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Client : Executive Engineer, Rajarajeshwari Nagara Division, BBMP, Bangalore.
Agency : Technical Manager, KRIDL, Bangalore.
Name of Work : Providing drinking water facilities in Jalahalli Village and surrounding areas in ward no.16 Jalahalli, BBMP, Bangalore.
Date of Testing : 08.03.2018
Material : 20mm Aggregates

Total Wt. of Aggregates in gms= 5000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
40	0	0	0	100	100
20	184	3.7	3.7	96.3	95-100
10	2836	56.7	60.4	39.6	25-55
4.75	1542	30.8	91.2	8.8	0-10

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For CIVIL QUALITY CONSULTANTS & ENGINEERS

[Signature]

[Signature]
Authorised Signatory

[Signature]

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ಬೆಂಗಳೂರು
ಪ್ರಾಂತ್ಯೀಯ ಮಟ್ಟದ ಕಾರ್ಯದರ್ಶಿ



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Job No.: CQCE/BBMP/KRIDL/W.No.16/2017-18

Date: 09.03.2018

TEST REPORT

CLIENT	:	Executive Engineer, Rajarajeshwari Nagara Division, BBMP, Bangalore.
AGENCY	:	Technical Manager, KRIDL, Bangalore.
NAME OF THE WORK	:	Providing drinking water facilities in Jalahalli Village and surrounding areas in ward no.16 Jalahalli, BBMP, Bangalore.
SAMPLE ID	:	Bricks Test – Class 7.5 (Machine molded)
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the samples are as follows:

Sl. No	Description	Test method as per IS Codes	Result	Requirement as per IS 1077-1992 (Rev-5)
1	Compressive Strength Of Bricks	IS 3495-1992 (Part-1)	8.12 N/mm ²	Class designation 7.5
2	Water Absorption of Bricks	IS 3495-1992 (Part – 2)	9.97 %	Not more than 20 %
3	Efflorescence of Bricks	IS 3495-1992 (Part – 3)	Moderate	Up to 12.5 Class
4	Dimensional Analysis of Bricks (minimum Sampling is 20 Nos.)	IS 1077-1992 (Rev – 5)		
(a)	Measurement of Length in mm		3835 mm	(3800 ± 80 mm)
(b)	Measurement of Width in mm		1819 mm	(1800 ± 40 mm)
(c)	Measurement of Height in mm		1426 mm	(1400 ± 40 mm)

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